

SEQUENCE LISTING



<110> The Johns Hopkins School of Medicine
Lee, Se-Jin
Huynh, Thanh
Suzanne, Sebald

<120> Growth Differentiation Factor-16

<130> jhul440-1

<140> 09/485,045

<141> 2000-05-12

<150> PCT/US98/15148

<151> 1998-07-24

<150> 60/054,606

<151> 1997-07-31

<160> 3

<170> PatentIn version 3.0

<210> 1

<211> 303

<212> DNA

<213> Human

<220>

<221> CDS

<222> (1)..(303)

<400> 1

gct	cag	ggc	gac	tgt	gac	cct	gaa	gca	cca	gtg	acc	gag	ggc	acc	tgc	48
Ala	Gln	Gly	Asp	Cys	Asp	Pro	Glu	Ala	Pro	Val	Thr	Glu	Gly	Thr	Cys	
1				5					10					15		

tgc	tgc	cac	cag	gag	atg	tac	act	gac	ctg	cag	ggg	atg	aag	tgg	gcc	96
Cys	Cys	His	Gln	Glu	Met	Tyr	Thr	Asp	Leu	Gln	Gly	Met	Lys	Trp	Ala	
		20						25					30			

aag	aac	tgg	atg	gtg	gag	ccc	ctg	ggc	ttc	ctg	gct	tac	aag	tgt	gtg	144
Lys	Asn	Trp	Met	Val	Glu	Pro	Leu	Gly	Phe	Leu	Ala	Tyr	Lys	Cys	Val	
		35					40					45				

ggc	acc	tgc	cag	cag	ccc	ctg	gag	gcc	ctg	gcc	ttc	aat	tgg	cca	ttt	192
Gly	Thr	Cys	Gln	Gln	Pro	Leu	Glu	Ala	Leu	Ala	Phe	Asn	Trp	Pro	Phe	
		50				55					60					

ctg	ggg	ccg	cga	cac	tgc	atc	gcc	tca	gag	act	gcc	tcg	ctg	ccc	atg	240
Leu	Gly	Pro	Arg	His	Cys	Ile	Ala	Ser	Glu	Thr	Ala	Ser	Leu	Pro	Met	
65					70				75					80		

atc	atc	agc	atc	aag	gag	gga	ggc	agg	acc	agg	ccc	cag	gtg	gtc	agc	288
Ile	Ile	Ser	Ile	Lys	Glu	Gly	Gly	Arg	Thr	Arg	Pro	Gln	Val	Val	Ser	
				85				90						95		

ctg	cct	aac	atg	agg												303
Leu	Pro	Asn	Met	Arg												
				100												

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<211> 101

<212> PRT
<213> Human

<400> 2

Ala Gln Gly Asp Cys Asp Pro Glu Ala Pro Val Thr Glu Gly Thr Cys
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Cys Cys His Gln Glu Met Tyr Thr Asp Leu Gln Gly Met Lys Trp Ala
20 25 30

Lys Asn Trp Met Val Glu Pro Leu Gly Phe Leu Ala Tyr Lys Cys Val
35 40 45

Gly Thr Cys Gln Gln Pro Leu Glu Ala Leu Ala Phe Asn Trp Pro Phe
50 55 60

Leu Gly Pro Arg His Cys Ile Ala Ser Glu Thr Ala Ser Leu Pro Met
65 70 75 80

Ile Ile Ser Ile Lys Glu Gly Gly Arg Thr Arg Pro Gln Val Val Ser
85 90 95

Leu Pro Asn Met Arg
100

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<212> PRT
<213> Homo sapiens

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<223> X = any amino acid

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Arg Xaa Xaa Arg
1